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# REFERENCES

## **BIBLIOGRAPHY**

### **Bibliography**

### **Main British Standards**

BS 1230 Gypsum plasterboard

Part 1: 1985 Specification for plasterboard excluding materials submitted to secondary operations

BS 8000 Workmanship on building sites

Part 8: 1989 Code of practice for plasterboard partitions and drylinings

BS 8212: 1995 Code of practice for drylining and partitioning using gypsum plasterboard

#### **Other British Standards**

BS 476 Fire tests on building materials and structures

Part 4: 1970 (1984) Noncombustibility test for materials

Part 6: 1981 Method of test for fire propagation for products

Part 7: 1987 Method for classification of the surface spread of flame of products

Part 20: 1987 Methods for determination of the fire resistance of elements of construction (general principles)

Part 21: 1987 Methods for determination of the fire resistance of loadbearing elements of construction

Part 22: 1987 Methods for determination of the fire resistance of non-loadbearing elements of construction

Part 23: 1987 Methods for the determination of the contribution of components to the fire resistance of a structure

BS EN 1363 Fire resistance tests

Part 1 General requirements

BS EN 1364 Fire resistance tests for non-loadbearing elements

Part 1 Walls

Part 2 Ceilings

BS EN 1365 Fire resistance tests for loadbearing elements

Part 1 Walls

Part 2 Floors and roofs

Part 3 Beams

Part 4 Columns

BS EN 1366 Fire resistance of service installations

Part 3 Penetration seals

Part 4 Linear joint seals

BS EN 13381 Contributor of fire resistance of structural members

Part 3 Membrane protection - horizontal

Part 4 Steel elements

BS 1191 Specification for gypsum building plasters

Part 1: 1973 Excluding premixed lightweight plasters

Part 2: 1973 Premixed lightweight plasters

BS 1449: 1991 Specification for cold rolled narrow strip based upon specified minimum strength

BS 2750: 1980 Methods of measurement of sound insulation in buildings and of building elements

BS 2994: 1987 Specification for cold rolled steel sections

BS 4275: 1974 Recommendations for the selection, use and maintenance of respiratory protective equipment

BS 4016: 1972 Specification for building papers (breather type)

BS 4940: 1994 Technical Information on construction products and services

BS 4978: 1988 Specification for softwood grades structural use

Part 2: 1992 Partitions (including matching linings)

BS 5234: Specification for performance requirements for strength and robustness

Part 2: 1992 Including methods of test

BS 5268 Structural use of timber

Part 2: 1991 Code of practice for permissible stress design, materials and workmanship

BS 5270 Bonding agents for use with gypsum plasters and cements

Part 1: 1989 Polyvinyl acetate (pvac) emulsion bonding agents for internal use with gypsum building plasters

BS 5492: 1990 Code of practice for internal plastering

BS 5821 Rating the sound insulation in buildings and of building elements

Part 1: 1984 Method of rating the airborne sound insulation in buildings and of interior building elements

Part 2: 1984 Method of rating the impact sound insulation

BS 6452 Beads for internal plastering and drylining

Part 1: 1984 Specification for galvanised steel beads

BS 7374: 1990 Methods of test for water vapour transmission resistance of board materials used in buildings

BS 7364 Specification for galvanised steel for stud and sheet partitions and linings using screw fixed gypsum wallboards

BS EN 140: 1995 et seq. Methods of measurement of sound insulation in buildings and of building elements

BS EN 10142: 1991 Zinc coating on sheet and strip for forming

BS EN 10143: 1993 Hot dip zinc galvanised plate and sheet – tolerances on dimensions and shape

### Regulations

National Building Regulations 1991, as amended 1992, 1995 and 2000.

Building Standards (Scotland) regulations

#### **Health Technical Memoranda**

HTM56 Partitions

HTM60 Ceilings

HTM81 Firecode: Fire precautions in new hospitals

## **Glossary of terms**

### **Absorption**

Conversion of sound energy into heat, often by the use of a porous material.

### **Absorbent material**

Material that absorbs sound energy.

### Airborne sound

Sound transmitting through the air, often linked to noise sources such as speech and television.

#### Airborne sound insulation

Sound insulation that reduces the transmission of airborne sound between adjoining dwellings or parts of adjoining dwellings.

### **Cavity stop**

A proprietary product or material such as mineral wool (fibre) used to close the gap in a cavity wall.

### Composite resilient batten

A timber batten that is composed of a timber batten with a pre-bonded resilient material to provide isolation between the flooring surface layers and floor base.

#### Ctr

Spectrum adaptation term (No.2) from BS EN ISO 717-1: 1997 to take account of a specific sound spectra (that are predominantly low frequency based representing 'A' weighted urban noise.

## Decibel (dB)

The unit used for different acoustic quantities to indicate the level with respect to a reference level.

### Density (kg/m³)

Mass per unit volume, expressed in kilograms per cubic metre (kg/m³).

### **Direct transmission**

Sound that is transmitted only through the main separating element and involves no other flanking element.

## D<sub>nT</sub>

Standardised level difference. The difference in sound level between a pair of rooms (source and receiving rooms), for a stated frequency, that is corrected (normalised) for the reverberation time (in the receiving room). See BS EN ISO 140-4: 1998.

### $D_{nT,w}$

Weighted standardised level difference. A single-number quantity (weighted) that characterises the airborne sound insulation between two rooms. See BS EN ISO 717-1: 1997. Based on field/site test including flanking transmission.

### $D_{nT.w} + C_{tr}$

Weighted standardised level difference that characterises the airborne sound insulation between two rooms using spectrum adaptation term (No.2) from BS EN ISO 717-1: 1997 which represents 'A' weighted urban noise.

# Flanking element (e.g. flanking wall)

Any building element that contributes to the airborne sound or impact sound transmission between rooms in a building which is not the direct separating element (i.e. not the separating wall or separating floor)

### Flanking transmission

Airborne sound or impact transmission between rooms that is transmitted via flanking elements and/or flanking elements in conjunction with the main separating elements.

#### Flexible closer

A flexible cavity stop or cavity barrier that seals the air path in cavities linking adjoining dwellings.

### Floating floor treatment

A timber floating floor system which may use battens, cradles or platform base; all of which use a resilient layer to provide isolation from the base floor and adjacent wall elements.

# Flooring board

The boards that form the top surface of the floor. Boards should be woodbased panels 600mm (min) wide.

### Habitable room

For the purposes of Part E Robust Details, habitable rooms are all rooms except the hall, staircase and landing.

### Internal wall

A wall or partition that divides the dwelling space into different functions but which does not provide separation between different dwellings.

### Internal floor

A floor that divides the dwelling space into different functions but does not provide separation between different dwellings.

### L

Standardised impact sound pressure level. The impact sound pressure level in the receiving room at a stated frequency, corrected (normalised) for the reverberation time in the receiving room. See BS EN ISO 140-7: 1998.

## L<sub>nT,w</sub>

As L<sub>nT</sub> above but weighted standardised impact sound pressure level. A single-number quantity (weighted) to characterise the impact sound insulation of floors. See BS EN ISO 140-7: 1998.

# Mass per unit area (or surface density)

Mass per unit area is expressed in kilograms per square metre (kg/m²).

#### Mineral wool

A rock or glass based mineral material that can be manufactured in a quilt form or batt (more rigid) form.

### Nominal density of gypsumbased board

The density stated in the robust detail with a tolerance of up to -0.3 kg/m<sup>2</sup> per layer.

### $R_v$

A single-number quantity (weighted) that characterises the airborne sound insulation of a building element from measurements undertaken in a laboratory. See BS EN ISO 717-1: 1997. Based on laboratory test excluding any flanking elements.

### $R_w + C_{tr}$

Weighted airborne sound insulation of a building using spectrum adaptation term (No. 2) from BS EN ISO 717-1: 1997, representing 'A' weighted urban noise.

# **Robust Detail**

A robust detail for Part E of the Building Regulations has been given the status of RD following a minimum of 30 "field tests" where the recorded mean performance was 5 dB better then the sound insulation requirements as described in Approved Document E for new build separating walls and floors.

# Lafarge sealant (acoustic or flexible)

A gun-applied sealant that has resilience and forms a non-rigid caulking. Performs acoustically and for fire protection.

### Separating floor

A floor that separates adjoining dwellings.

### Separating wall

A wall that separates adjoining dwellings.

The definitions given above are for the purposes of this manual only and are not intended to be rigorous.

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